

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended): An information processing device comprising:

a processor;

a recording medium interface for ~~executing reading of~~ configured to read data from an information recording medium which stores data in increments of:

(a) a first content management unit which includes first encrypted data that is encrypted by a first unit key that is set as a first encryption key; and

(b) a second content management unit which includes second encrypted data that is encrypted by a second unit key that is set as a second, different encryption key;  
and

a memory device storing instructions which when executed by the processor, cause the processor to:

(a) ~~a data processing unit for executing recording processing of record~~ new data which is either generated or obtained applying information obtained from said ~~the~~ information recording medium;

~~wherein said information recording medium is an information recording medium storing recorded data in increments of content management units including encrypted data encrypted by unit keys each of which are set as different encryption keys; and~~

~~wherein said data processing unit~~

(b) obtain at least one of: obtains

(i) a the first unit key, the first unit key corresponding to a the first content management unit to which said ~~the~~ obtained information belongs; ~~or~~ and

(ii) a third, different unit key ~~corresponding~~ which corresponds to a new third, different content management unit to which the obtained information does not belong;

(c) ~~executes encryption processing of said~~ in response to the first unit key being obtained:

(i) encrypt the new data applying the obtained first unit key; and

- (ii) execute recording processing with said encrypted new data as data configuring the first content management unit; and
- (d) executes in response to the third, different unit key being obtained:
  - (i) encrypt the new data applying the obtained third, different unit key; and
  - (ii) execute recording processing with the ~~generated~~ encrypted new data as data configuring the third, different content management unit.

Claim 2 (currently amended): The information processing device ~~according to of~~ Claim 1, wherein ~~said data processing unit is configured the instructions, when executed by the processor, cause the processor to:~~

- (a) set a fourth content management unit corresponding to ~~said~~the new data; and also
- (b) execute setting processing for ~~an a~~ third encryption key serving as management information corresponding to the fourth content management unit including ~~said~~the new data.

Claim 3 (currently amended): The information processing device ~~according to of~~ Claim 1, wherein ~~said~~the data processing unit is configured to:

- (a) set a fifth content management unit corresponding to ~~said~~the new data; and also
- (b) execute setting processing for content usage control information serving as management information corresponding to the fifth content management unit including ~~said~~the new data.

Claim 4 (currently amended): The information processing device ~~according to of~~ Claim 1, wherein ~~said data processing unit is configured the instructions, when executed by the processor, cause the processor to execute writing processing of ~~said~~the new data to a region stipulated by a program included in the information obtained from ~~said~~the information recording medium.~~

Claim 5 (currently amended): The information processing device ~~according to of~~ Claim 1, wherein ~~said data processing unit is configured the instructions, when executed by the processor, cause the processor to, in a case of storing ~~said~~the new data in storage means other than an information recording medium from which ~~said~~the obtained information has been~~

obtained, execute processing for storing ~~said~~the new data correlated with identification information of the information recording medium from which ~~said~~the obtained information has been obtained.

Claim 6 (currently amended): The information processing device ~~according to~~of Claim 1, wherein ~~said data processing unit is configured the instructions, when executed by the processor, cause the processor to:~~

- (a) execute encryption processing of an AV stream data file including new data and a navigation file including control information or a program to be applied to playing processing of ~~said~~the AV stream data; and ~~to~~
- (b) execute recording processing of new data to storage means.

Claim 7 (currently amended): The information processing device ~~according to~~of Claim 6, wherein ~~said data processing unit is configured the instructions, when executed by the processor, cause the processor to apply a unit key corresponding to a sixth content management unit as an a fourth encryption key to be applied to ~~said~~the encryption processing.~~

Claim 8 (currently amended): The information processing device ~~according to~~of Claim 6, wherein ~~said data processing unit is configured the instructions, when executed by the processor, cause the processor to execute encryption processing applying, as an encryption key or encryption key generating information, information which can only be obtained by an application licensed to execute processing regarding ~~said~~the first content management unit or the third, different content management unit.~~

Claim 9 (currently amended): The information processing device ~~according to~~of Claim 8, wherein ~~said~~the information which can only be obtained by a licensed application is information including a device ID as an identifier unique to the device in which ~~said~~the application is installed.

Claim 10 (currently amended): The information processing device ~~according to~~of Claim 1, wherein ~~said data processing unit is configured the instructions, when executed by the processor, cause the processor to:~~

- (a) generate a hash value for tampering verification with regard to at least one of an AV stream data file including new data, and a navigation file including control information or a program to be applied to playing processing of ~~said~~the AV stream data; and to
- (b) record ~~said~~the hash value in a storage means.

Claim 11 (currently amended): The information processing device ~~according to~~of Claim 10, wherein ~~said data processing unit is configured~~ the instructions, when executed by the processor, cause the processor to:

- (a) execute data tampering verification processing based on the hash value set for an AV stream data file including new data or a navigation file, at the time of using ~~said~~the file; and executes
- (b) execute usage processing of ~~said~~the files under the condition that there is no tampering.

Claim 12 (currently amended): The information processing device ~~according to~~of Claim 1, wherein ~~said data processing unit is configured~~ the instructions, when executed by the processor, cause the processor to execute recording processing of a navigation file, including control information or a program to be applied to playing processing of AV stream data including new data, to storage means, as a file to which an electronic signature has been appended for tampering verification.

Claim 13 (currently amended): The information processing device ~~according to~~of Claim 12, wherein ~~said data processing unit is configured~~ the instructions, when executed by the processor, cause the processor to:

- (a) execute data tampering verification processing based on the electronic signature set for AV stream data file including new data or ~~said~~the navigation file, at the time of using ~~said~~the file; and executes
- (b) execute usage processing of ~~said~~the files under the condition that there is no tampering.

Claims 14 (withdrawn): An information processing device comprising:

a recording medium interface for executing reading of data from an information recording medium; and

a data processing unit for executing processing of a program included in information read from said information recording medium;

wherein said data processing unit is configured to determine the type of the information recording medium from which the program has been read, and to execute the program under the condition that the program is of a type regarding which execution permission has been set beforehand.

Claim 15 (withdrawn): An information processing device according to claim 14, wherein said data processing unit is configured to obtain, from information read from said information recording medium, type information of information recording media regarding which program execution is permitted, and to execute program execution permitted/not-permitted determination in accordance with said obtained information.

Claim 16 (currently amended): ~~An information processing device including instructions, the method comprising:~~ A method of operating an information processing device including instructions, the method comprising:

- (a) causing a processor to execute the instructions to a data reading step for reading of read data from an information recording medium which stores data in increments of:
  - (i) a first content management unit which includes first encrypted data that is encrypted by a first unit key that is set as a first encryption key; and
  - (ii) a second content management unit which includes second encrypted data that is encrypted by a second unit key that is set as a second, different encryption key; and
- (b) causing the processor to execute the instructions to record a data processing step for executing recording processing of new data which is either generated or obtained applying information obtained from said the information recording medium; wherein said information recording medium is an information recording medium storing recorded data in increments of content management units including encrypted data encrypted by unit keys each of which are set as different encryption keys;

- ~~\_\_\_\_\_and wherein said data processing step includes~~
- (c) ~~causing the processor to execute the instructions to obtain at least one of: an~~  
~~obtaining step for obtaining~~
- (i) ~~a the first unit key, the first unit key corresponding to a the first content~~  
~~management unit to which said the obtained information belongs; or and~~
- (ii) ~~a third, different unit key corresponding which corresponds to a new third~~  
~~content management unit to which the obtained information does not~~  
~~belong;;~~
- (d) ~~in response to the first unit key being obtained:~~
- (i) ~~causing the processor to execute the instructions to encrypt the a step for~~  
~~executing encryption processing of said new data applying the obtained~~  
~~first unit key; and~~
- (ii) ~~causing the processor to execute the instructions to execute processing~~  
~~with said encrypted new data as data configuring the first content~~  
~~management unit; and~~
- (e) ~~in response to the third, different unit key being obtained:~~
- (i) ~~causing the processor to execute the instructions to encrypt the new data~~  
~~applying the obtained third, different unit key; and~~
- (ii) ~~causing the processor to execute the instructions to execute a step for~~  
~~executing recording processing with the generated encrypted new data as~~  
~~data configuring the third, different content management unit.~~

Claim 17 (currently amended): The ~~information processing method according to of~~  
Claim 16, which includes:

- (a) ~~causing the processor to execute the instructions to wherein said data processing~~  
~~step includes a step for setting of set a fourth content management unit~~  
~~corresponding to said the new data; and~~
- (b) ~~causing the processor to execute the instructions to execute also executing of~~  
~~setting processing for an encryption key serving as management information~~  
~~corresponding to the content management unit including said the new data.~~

Claim 18 (currently amended): The ~~information processing method according to~~of Claim 16, which includes:

- (a) ~~causing the processor to execute the instructions to wherein said data processing step includes a step for setting offset a~~ fifth content management unit corresponding to ~~said~~the new data; and also ~~executing of~~
- (b) ~~causing the processor to execute the instructions to execute~~ setting processing for content usage control information serving as management information corresponding to the fifth content management unit including ~~said~~the new data.

Claim 19 (currently amended): The ~~information processing method according to~~of claim 16, which includes wherein said data processing step includes a step for executing causing the processor to execute the instructions to execute writing processing of ~~said~~the new data to a region stipulated by a program included in the information obtained from ~~said~~the information recording medium.

Claim 20 (currently amended): The ~~information processing method according to~~of claim 16, which includes wherein in a case of storing ~~said~~the new data in storage means other than an information recording medium from which ~~said~~the obtained information has been obtained, ~~said data processing step executes causing the processor to execute the instructions to execute~~ processing for storing ~~said~~the new data correlated with identification information of the information recording medium from which ~~said~~the obtained information has been obtained.

Claim 21 (currently amended): The ~~information processing method according to~~of Claim 16, which includes:

- (a) ~~causing the processor to execute the instructions to further comprising an encryption recording processing step of execute~~ encryption processing of an AV stream data file including new data and a navigation file including control information or a program to be applied to playing processing of ~~said~~the AV stream data; and
- (b) ~~causing the processor to execute the instructions to execute~~ ~~executing~~ recording processing of new data to storage means.

Claim 22 (currently amended): The ~~information processing method according to~~of Claim 21, ~~which includes wherein said encryption recording processing step is a step for executing encryption processing,~~ applying a unit key corresponding to a content management unit as an encryption key to be applied to ~~said~~the encryption processing.

Claim 23 (currently amended): The ~~information processing method according to~~of Claim 21, ~~which includes wherein said encryption recording processing step is a step for executing encryption processing,~~ applying, as an encryption key or encryption key generating information, information which can only be obtained by an application licensed to execute processing regarding ~~said~~the content management unit.

Claim 24 (currently amended): The ~~information processing method according to~~of Claim 23, ~~which includes wherein said~~the information which can only be obtained by a licensed application is information including a device ID as an identifier unique to the device in which ~~said~~the application is installed.

Claim 25 (currently amended): The ~~information processing method according to~~of Claim 16, ~~which includes: further comprising a step for generating~~

- (a) ~~causing the processor to execute the instructions to generate~~ of a hash value for tampering verification with regard to at least one of an AV stream data file including new data, and a navigation file including control information or a program to be applied to playing processing of ~~said~~the AV stream data;; and ~~recording~~
- (b) ~~causing the processor to execute the instructions to record~~ of ~~said~~the hash value in storage means.

Claim 26 (currently amended): The ~~information processing method according to~~of Claim 25, ~~which includes: further comprising a step for executing~~

- (a) ~~causing the processor to execute the instructions to execute~~ data tampering verification processing based on the hash value set for ~~said~~the AV stream data file including new data or ~~said~~the navigation file, at the time of using ~~said~~the file;; and



(b) ~~causing the processor to execute the instructions to~~ ~~executing of~~ ~~execute~~ usage processing of ~~said~~the files under the condition that there is no tampering.

Claim 27 (currently amended): The ~~information processing method according to~~of Claim 16, ~~which includes further comprising a step for executing~~ ~~causing the processor to execute the instructions to~~ ~~execute~~ recording processing of a navigation file, including control information or a program to be applied to playing processing of AB stream data including new data, to storage means, as a file to which an electronic signature has been appended for tampering verification.

Claim 28 (currently amended): The ~~information processing method according to~~of Claim 27, ~~which includes causing the processor to execute the instructions to~~ ~~further comprising a step for executing~~ ~~execute~~ data tampering verification processing based on the electronic signature set for ~~said~~the AV stream data file including new data or ~~said~~the navigation file, at the time of using ~~said~~the file, and ~~executing of~~ usage processing of ~~said~~the files under the condition that there is no tampering.

Claim 29 (withdrawn): An information processing method comprising:  
a data reading step for reading data from an information recording medium; and  
a data processing step for executing processing of a program included in information read from said information recording medium;

wherein said data processing step includes a step for determining the type of the information recording medium from which the program has been read, and executing of the program under the condition that the program is of a type regarding which execution permission has been set beforehand.

Claim 30 (withdrawn): An information processing method according to claim 29, wherein, in said data processing step, type information of information recording media regarding which program execution is permitted is obtained from information read from said information recording medium, and program execution permitted/not-permitted determination is executed in accordance with said obtained information.

Claim 31 (currently amended): A computer ~~program for executing readable medium~~  
~~storing instructions structured to cause an information processing device to:~~method, comprising:

- (a) ~~read a data reading step for reading data from an information recording medium~~  
which stores data in increments of:
  - (i) a first content management unit which includes first encrypted data that is  
encrypted by a first unit key that is set as a first encryption key; and
  - (ii) a second content management unit which includes second encrypted data  
that is encrypted by a second unit key that is set as a second, different  
encryption key; and
- (b) ~~record a data processing step for executing recording processing of new data~~  
which is either generated or obtained applying information obtained from saidthe  
information recording medium;

~~wherein said information recording medium is an information recording medium storing~~  
~~recorded data in increments of content management units including encrypted data encrypted by~~  
~~unit keys each of which are set as different encryption keys;~~

~~and wherein said data processing step includes~~

- (c) ~~obtain at least of:~~an obtaining step for obtaining
  - (i) a the first unit key, the first unit key corresponding to a the first content  
management unit to which ~~said~~the obtained information belongs; ~~or~~and
  - (ii) a third, different unit key correspondingwhich corresponds to a new third,  
different content management unit to which the obtained information does  
not belong;
- (d) in response to the first unit key being obtained:
  - (i) ~~encrypt a step for executing encryption processing of said~~the new data  
applying the obtained first unit key; and
  - (ii) execute recording processing with said encrypted new data as data  
configuring the first content management unit; and
- (e) in response to the third, different unit key being obtained:
  - (i) encrypt the new data applying the obtained third, different unit key; and
  - (ii) execute a step for executing recording processing with the generated  
encrypted new data as data configuring the third, different content  
management unit.

Claim 32 (currently amended): The computer ~~program according to~~readable medium of Claim 31, wherein the instructions are further structured to cause the information processing device to: comprising an encryption-recording processing step for executing of encryption processing of

- (a) encrypt an AV stream data file including new data, and a navigation file including control information or a program to be applied to playing processing of AV stream data including new data; and
- (b) execute recording to recording means.

Claim 33 (currently amended): The computer ~~program according to~~readable medium of Claim 31, wherein the instructions are further structured to cause the information processing device to: comprising a step for recording

- (a) record, to storage means, tampering verification data regarding at least one of an AV stream data file including new data, and a navigation file including control information or a program to be applied to playing processing of AV stream data including new data; and
- (b) execute recording to recording means.

Claim 34 (currently amended): The computer ~~program according to~~readable medium of Claim 31, wherein the instructions are further structured to cause the information processing device to: comprising a step for executing

- (a) execute data tampering verification processing based on the tampering verification data set for ~~said~~the AV stream data file including new data or ~~said~~the navigation file, at the time of using ~~said~~the file; and ~~executing of~~
- (b) execute usage processing of ~~said~~the files under the condition that there is no tampering.

Claim 35 (withdrawn): A computer program for executing information processing method, comprising:

a data reading step for reading of data from an information recording medium; and

a data processing step for executing processing of a program included in information read from said information recording medium;

wherein said data processing step includes a step for determining the type of the information recording medium from which the program has been read, and executing of the program under the condition that the program is of a type regarding which execution permission has been set beforehand.